

Species Tag:	38001	Species Name:	HCl-37
Version:	2		Hydrochloric acid,
Date:	Jan. 1989		<sup>37</sup> Cl isotope
Contributor:	H. M. Pickett		

Lines Listed:	137	Q(300.0)=	83.522
Freq. (GHz) <	9746	Q(225.0)=	63.445
Max. J:	18	Q(150.0)=	43.401
LOGSTR0=	-8.2	Q(75.00)=	23.399
LOGSTR1=	-11.2	Q(37.50)=	13.452
Isotope Corr.:	-0.611	Q(18.75)=	8.590
Egy. (cm <sup>-1</sup> ) >	0.0	Q(9.375)=	6.491
$\mu_a$ =	1.109	A=	
$\mu_b$ =		B=	312519.12
$\mu_c$ =		C=	

The experimental measurements were reported by I. G. Nolt *et al.*, 1987, J. Mol. Spect. **125**, 274. The dipole moment was measured by F. H. De Leeuw and A. Dymanus, 1971, 26th Symposium on Molecular Spectroscopy, Columbus, Ohio.